

DEC 6 2002

Sheet 1 of 1

(12/16/02)

Form PTO-1449

ATTY DOCKET NO.
1190-0465PAPPLICATION NO.
09/689,645PATENT & TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

APPLICANT
SUGIURA, Hiroaki et alFILING DATE
October 13, 2000GROUP
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U.S. PATENT DOCUMENTS

Technology Center 2600

| EXAMINER INITIAL | DOCUMENT NUMBER | KIND | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|------|------------|----------------|-------|-----------|----------------------------|
| TJS | US 4,740,833 | B1 | 1988-04-26 | Shiota et al. | | | |
| TJS | US 4,989,079 | B1 | 1991-01-29 | Ito | | | |
| TJS | US 5,436,733 | B1 | 1995-07-25 | Terada et al. | | | |
| TJS | US 5,933,252 | B1 | 1999-08-03 | Emori et al. | | | |
| TJS | US 5,659,406 | B1 | 1997-08-19 | Imao et al. | | | |
| TJS | US 6,434,268 | B1 | 2002-08-13 | Asamura et al. | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |
| | US | | | | | | |

FOREIGN PATENT DOCUMENTS

| Office | DOCUMENT NUMBER | Kind | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|--------|-----------------|----------|------|------------|-------|-----------|-------------|------|
| | | | | | | | YES | NO |
| TJS | EP | 1028586 | A | 2000-08-16 | EP | | | |
| TJS | JP | 7-023245 | | 1995-01-24 | JP | | | Abs |
| TJS | JP | 11-17974 | | 1999-01-22 | JP | | | Abs |
| TJS | JP | 8-321964 | | 1996-12-03 | JP | | | Abs. |
| TJS | JP | 5-183742 | | 1993-07-23 | JP | | | Abs |
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OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

| | |
|---|-----------------|
| EXAMINER | DATE CONSIDERED |
| <i>TJS 15</i> | <i>6/3/04</i> |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |

1190-0465P

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* English Abstract only

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